

1/11

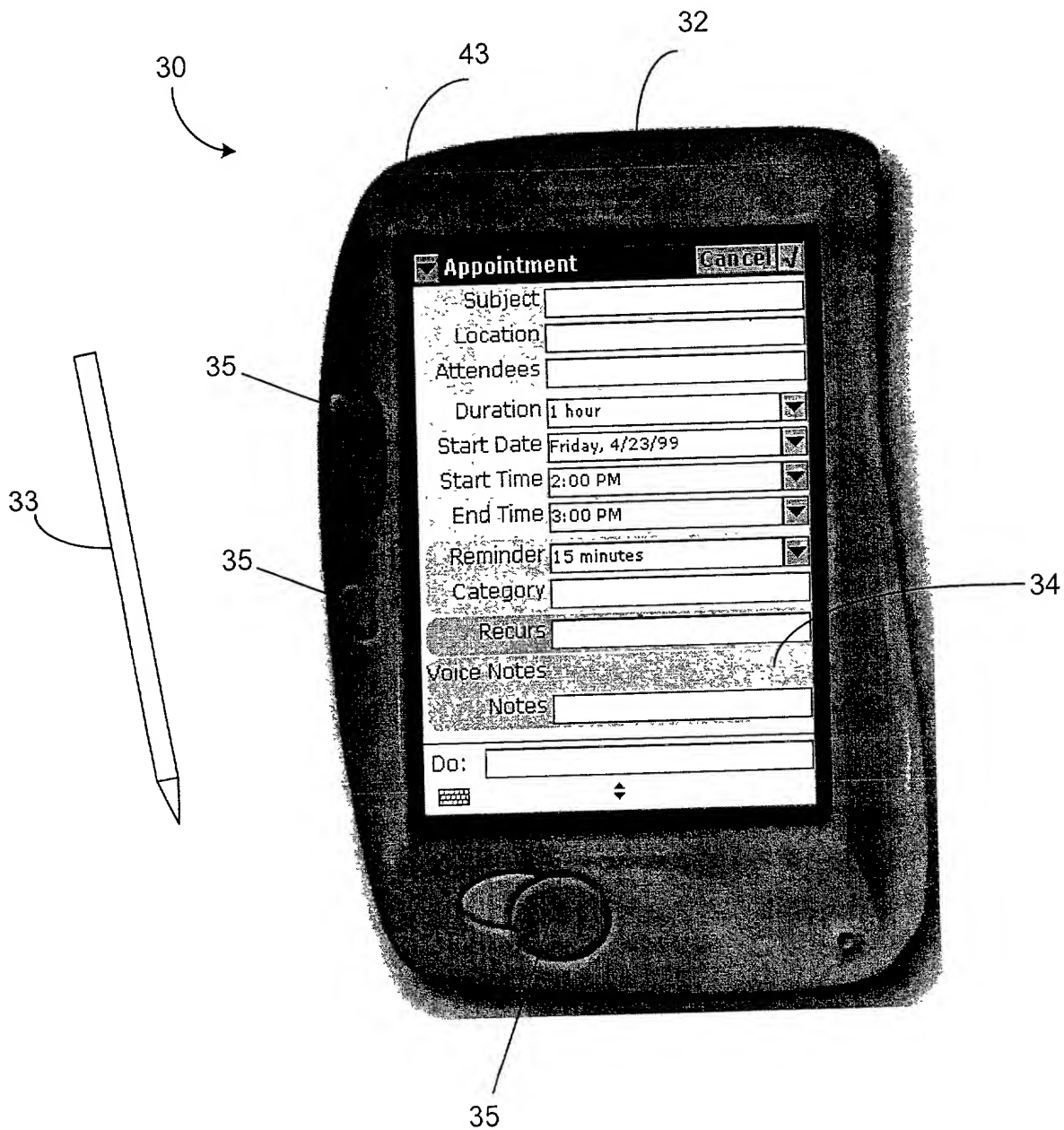


FIG. 1

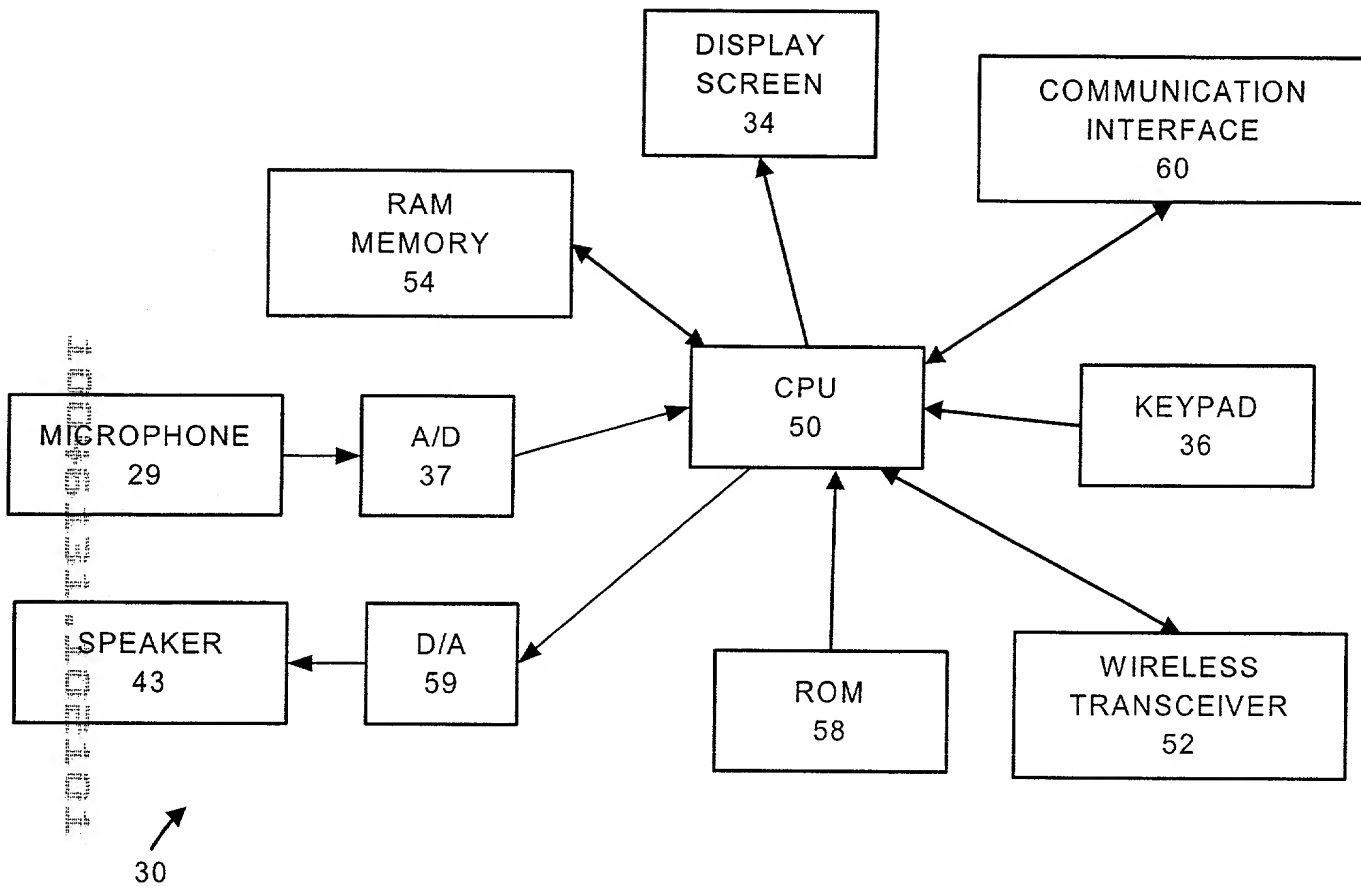


FIG.2

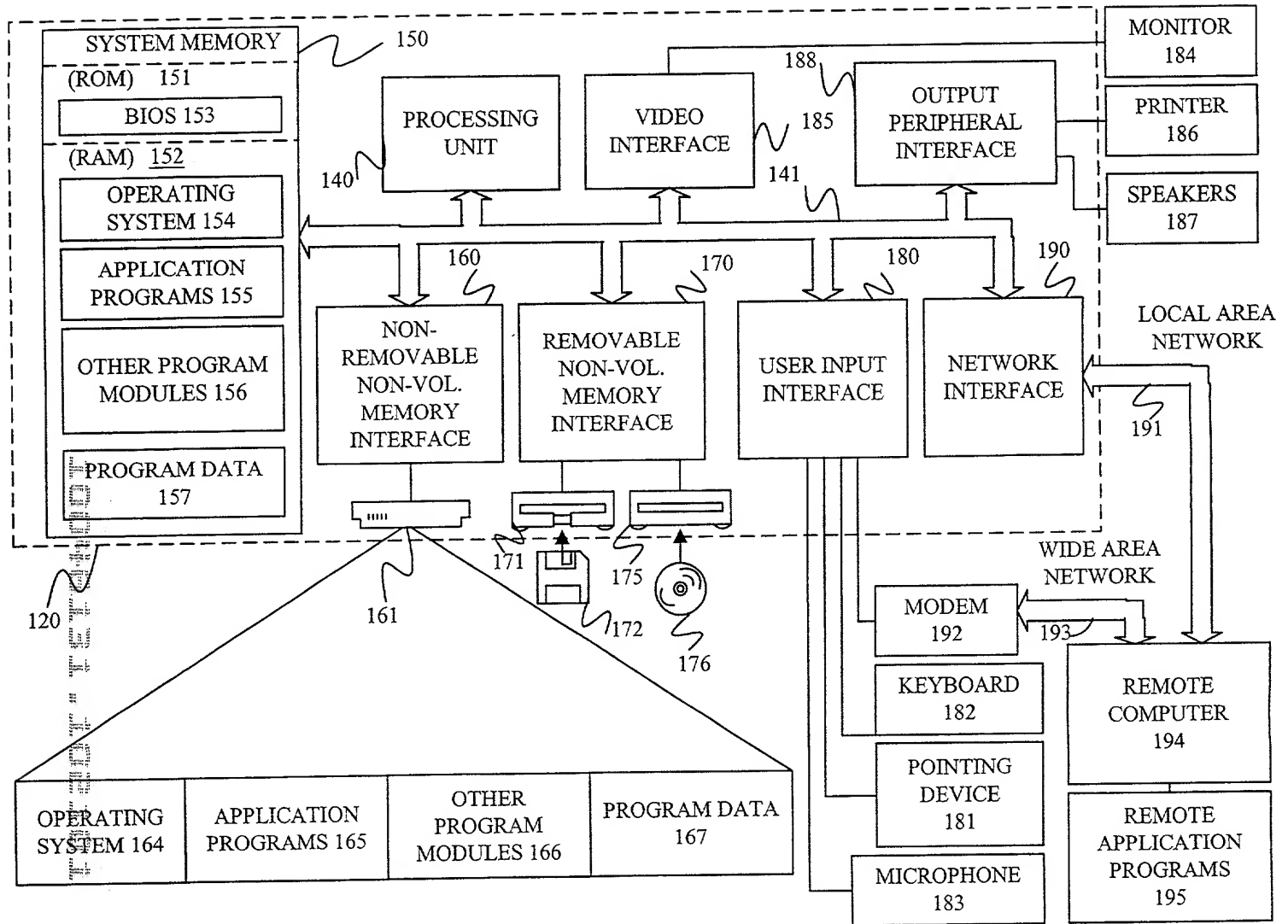


FIG. 3

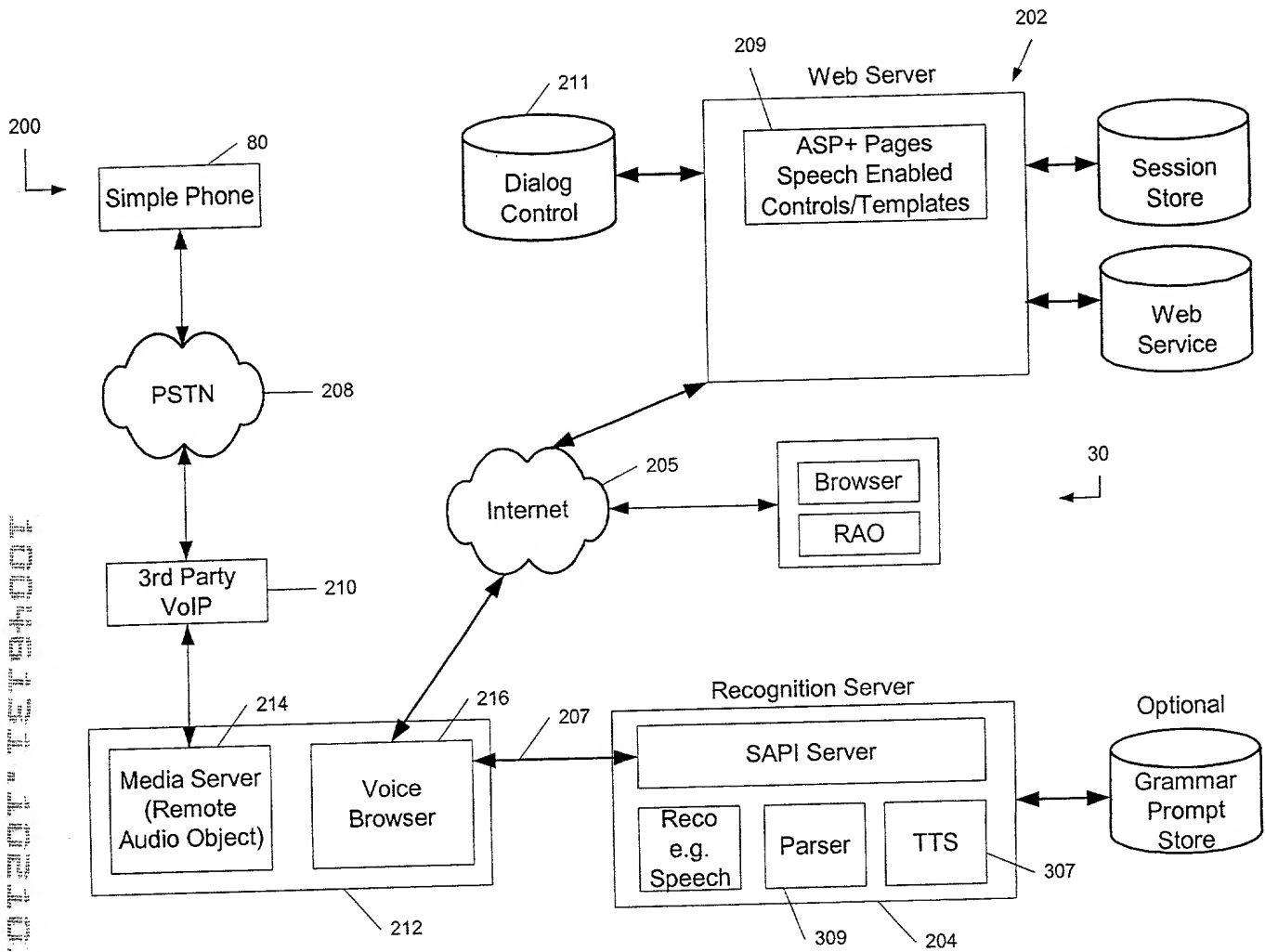


FIG. 4

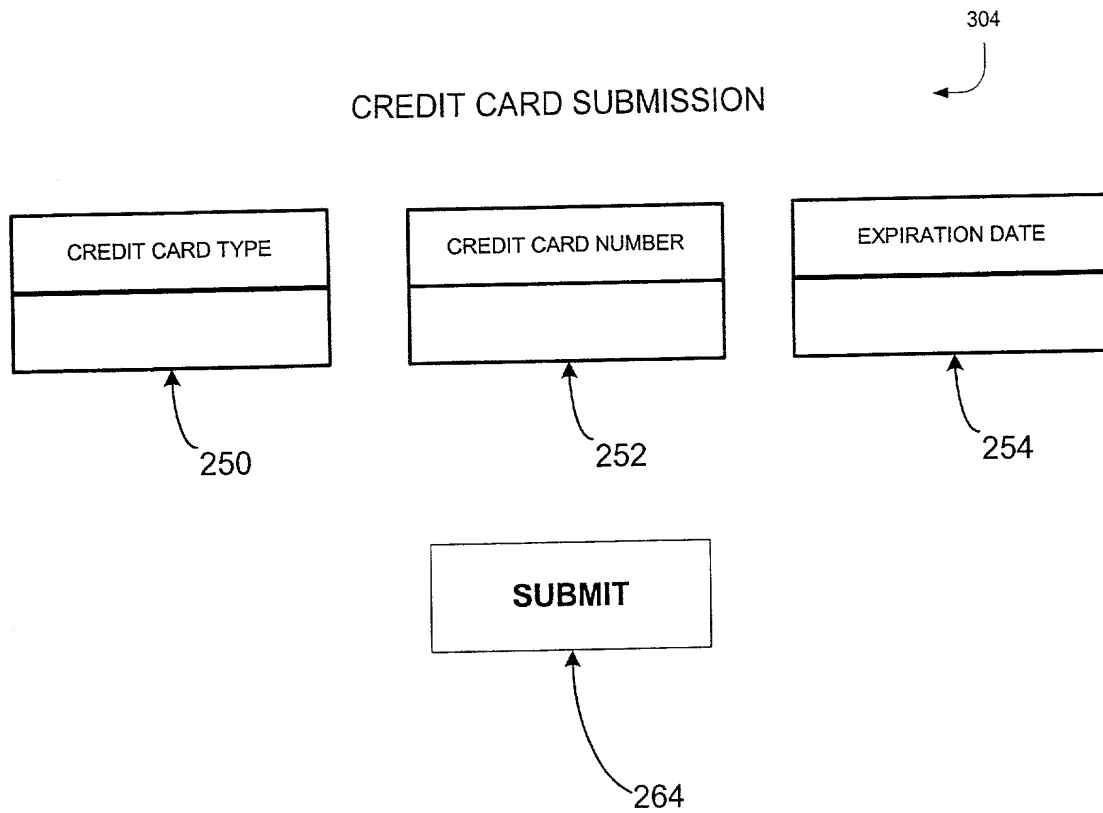


FIG. 5

6/11

```

270 <html>
    <form id="get_card_info" method="post" action="http://payment.asp">
        <select name="card_type" onClick="talk(g_card_types)">
            <option value="amex">American Express</option>
            <option value="visa">Visa</option>
            <option value="ms">MasterCard</option>
        </select>
        <reco id="g_card_types" onReco ="handle()" >
            <grammar src="./gram#card_types" />
        </reco>
        <input type="text" name="card_num" width="30"
            onClick="talk(g_card_num)" />
        <reco id="g_card_num" onReco ="handle()" >
            <grammar src="./gram#digits" />
        </reco>
        <input type="text" name="expiry_date"
            onClick="talk(g_expiry_date)" />
        <reco id="g_expiry_date" >
            <grammar src="./gram#dates" />
        </reco>
        <input type="submit" value="Submit" onClick="verify()" />
    </form>
    <script><![CDATA[
        function talk(gobj) {
            gobj.activate();
        }
        function handle() {
            if (get_card_info.card_num != null) {
                if (get_card_info.card_type.value == "amex") {
                    if (get_card_info.card_num.length != 15)
                        alert ("amex should have 15 digits");
                } else
                    if (get_card_info.card_num.length != 16)
                        alert ("visa and master should have 16 digits");
                }
            }
            function verify() {
                var flag = window.confirm("submit the credit card
                info?");
                if (flag) {
                    get_card_info.submit();
                }
            }
        }
    ]]>
    </script>
</html>

```

270

280

282

284

272

290

FIG. 6

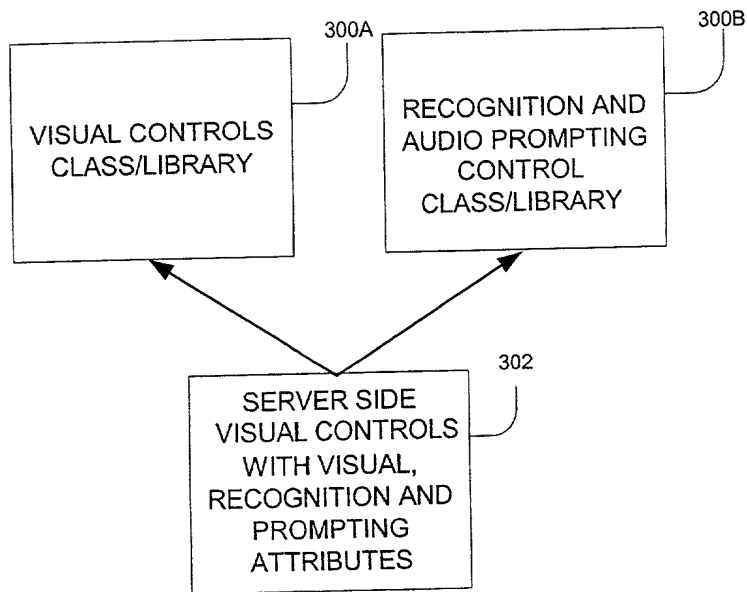


FIG. 7

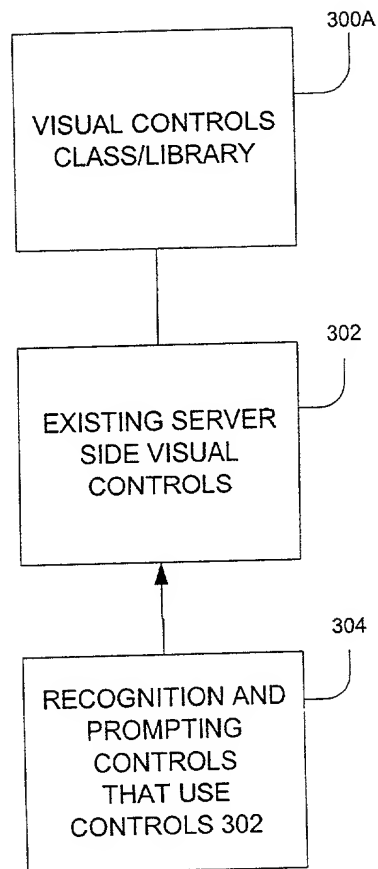


FIG. 8



9/11

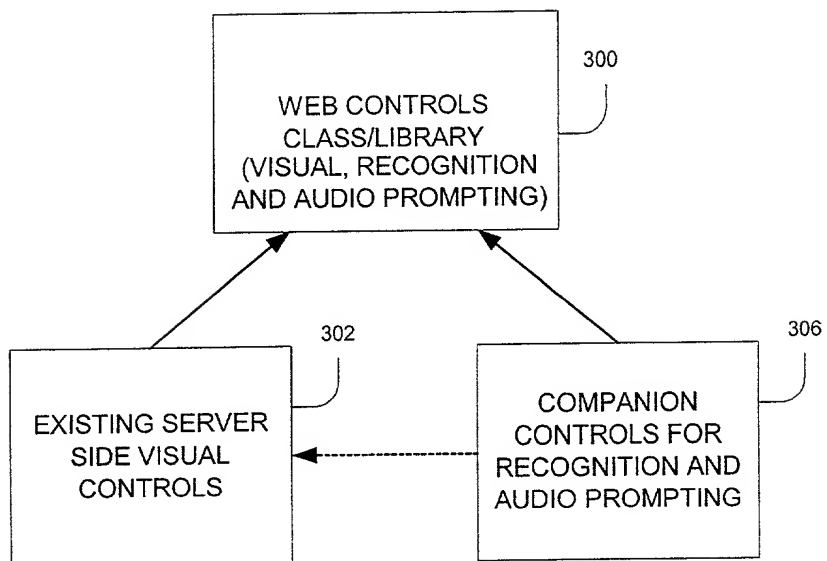


FIG. 9

10/11

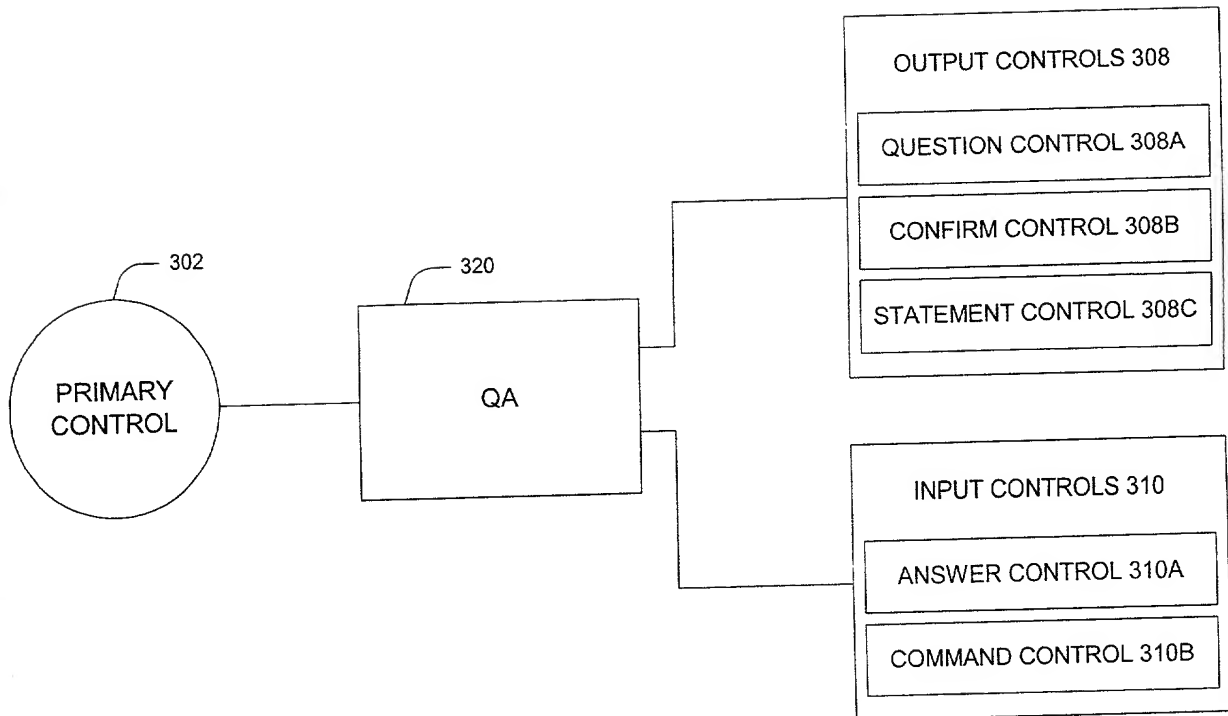


FIG. 10

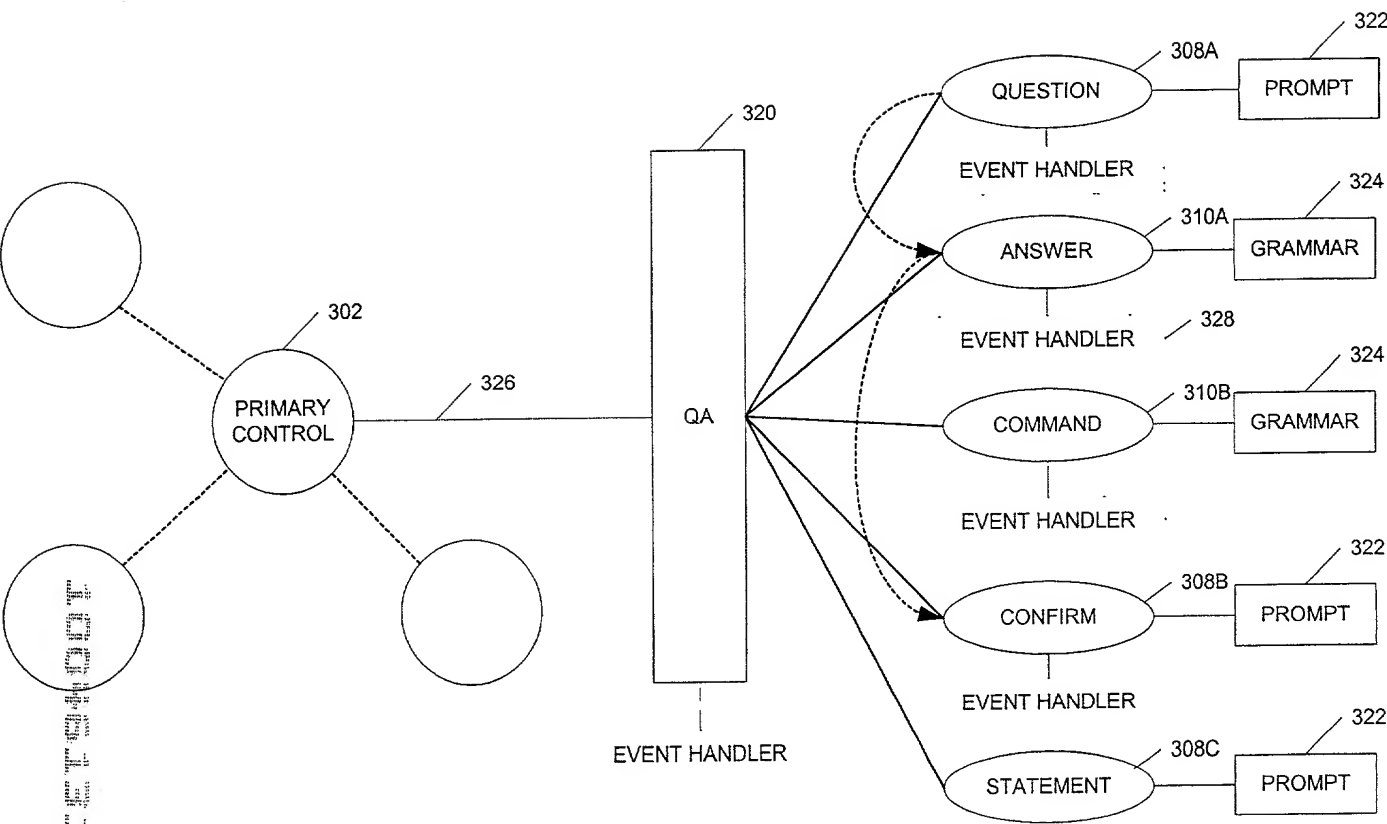


FIG. 11